Casing or Annulus Pressure Test

Osage ENR Department

100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens When	Test Date: 02/28/2014 Test Time: 9:50 AM
Operator Representative: JACOB BAYS	Date Report Sent to Operator:
Gener	ral Well Data
Operator: Chaparral Energy - 158	Inventory Number: OS6273049
701 Cedar Lake Blvd.	API Well No.: 35-113-99999-90-99
OKC, OK 73114	Well Name/No.: NBU 6W42
	Location: SW 1 27N 5E 931S - 637W
Phone: (405) 426-4397	Field name:
Injection Interval: 2980 - 3008 USDW Bot:	Well Type:
Annulus Fluid Type: For Per Concentric Pkr:	Packer Depth: 2950 Casing: 7 in. Tubing: 2.4 in.
Tubing and Annu	lus Pressure Test Results
Type of MIT: Std. Annulus Pres. Test	Test Reason: Post Workover Test
	ar Lining: Fiberglass Time Since Ann Filled: Hrs
Tubing Annulu	
Time Pressure Time Pressure	
Pre-Test: 0 0	psi Mid: 100 psi 9000 ml
Initial: 9:50 AM 0 250	psi Low: 20 psi 4500 ml
Mid: 10:05 AM 0 250	psi End: 0 psi 1250 ml
Final: 10:20 AM 0 250	psi Total Volume: 14750 ml
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)
Fluid Level: Annulus Prs: psi	Tubing Annulus
Test Result:	Depth to Top Perf/Open Hole: ft ft
Failure Type:	Depth to Fluid Level: ft ft
Failure Cause:	Fluid Column Height: ft ft
Repair Due:	Specific Gravity of Fluid: 1.06 1.06
Engineer Signature	Nitrogen Weight Factor:
Review Date: S/U/IL	Required Test Pressure: psi psi

Additional Comments for Mechanical Integrity Test

PACKER DEPTH IS AT 2950'. POST WORKOVER MIT----HELD PRESSURE OK. PULL TUBING AND PACKER TEST AND LAYDOWN. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND NEW PACKER.

Osage ENR Department 100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: <u>Larry Stephens</u> W		Dt/Tm Inspec	ted: <u>2/28/2014 9</u>	:50:00 Duration: <u>1.7</u>
Operator Representative: JACOB I		Dt Scheduled		Dt Op Notified
	General Well Da	ata and Inspection In	<u>formation</u>	
Operator: Chaparral Energy		Inventory No.: O	86273049 API W	Vell No. <u>35-113-99999-90-99</u>
701 Cedar Lake Blvd.		Well Name/No.: N	BU 6W42 6V	W42 Status:
OKC OK 73114-		Location: SW 1 27	N 5E 637W - 931	S Well Type:
Phone: (405) 426-4397		Field Nm:	La	t/Lng: 36.8423, 96.7231 G
	ROUTINE	W/MIT INSPECT	ΓΙΟΝ	
Purpose: Operator Request	Responsible Com	pany at Time of Inspecti	on: Chaparral Ene	ergy
Inspect No.: iLMS1406458266	Notification Type			
Incident No.:				 Date:
Comply No.:				ed:
	Pre	ssures / Conditions		_
Date Last MIT: <u>2/28/2014 9:50:00</u> A	M Test Result:	Casing: 7 in. T	ubing: 2.375 in.	USDW:ft subsurf
Monitoring Device Elected:			Tubing Annulus	
Monitoring Device:		Fittings:	<u>Y</u> <u>Y</u>	AUTHORIZED
FLM Canister Pressure:	•	Actual Pressure:		Max Pressure:
Lease Status: Acti	ve	How Determined?:	COMP OV	Min Req Press:
Barrel Monitor Hooked Up?:		Static Fluid Level:	0	Max Rate:
Barrel Fluid Level (%):		How Determined?:	O	_
Flowline Hooked Up?: Y		Injection Rate (bpd)	: How R	ate Determined?
Injecting?: N				

Comments

ACTIVE WELL; POST WORKOVER MIT----HELD PRESSURE OK. PULL TUBING AND PACKER, TEST AND LAY DOWN. CLEAN OUT HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND NEW PACKER SETTING IN HOLE AT 2950'.

US ENVIRONMENTAL PROTECTION AGENCY	US ENVIRONMENTAL PROTECTION AGENCY
OSAGE UIC PROGRAM	REGION VI - (6W-SE)
100 W. MAIN ST, SUITE 304	1445 ROSS AVE
PAWHUSKA, OK 74056	DALLAS, TEXAS 75202-2733
NOTICE OF INSBECTION	
NOTICE OF INSPECTION	DATE 2-28-14 HOUR 09:40 am
Figure Alono A	DATE 2-28-14 HOUR 09:40 am Firm Address
Firm Name	Firm Address
Chapanal Energy	
Inspector Name & Title	Inspector Signature
Jamy Stephens-geologist	lims
Jamy Ju Mans - geologist	
Notice of Inspection is hereby given accord	
Safe Drinking Water Act (42 U.S.C. §300 f et	. seq.)
Reason for Inspection	Love MIT
For the purpose of inspecting records, files	, papers, processes, controls and facilities, and
	e person subject to and applicable underground
The state of the s	ting in compliance with the Safe Drinking Water
Act and any applicable permit or rule A	0.60 0 260 #
NBU 6W42	1-No 10:05 @ 250#
05#:	un(01) 10:20 @ 250 #
	1.0
D rall+bs	: Packer 250-100 = 9000 ml
14/4/4 6/ 29/5	leanholet 100-20 = 4500 mg
2318" Fiberglass the 2944' Test. C	
7" Casing	10tal= 14,750 m
PICK W	ng hvy much 20-0= 1250 m Priew thy! Total= 141,750 m
Perfs: 2980-3008 New P	ackos.
10, 3, 2, 5	
\perp 0	D Passage OV
X X	a pressure or
Section 1445(b) of the SDWA (42 U.S.C. §30	0 j-4 (b)) is quoted on the reverse of this form
EPA Form	au a aknavula da a d
Receipt of this Notice of Inspection is here	by acknowledgen.
	(But Mu)
	771
Title	
Date	

Casing or Annulus Pressure Test

Osage ENR Department

100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens	Test Date: 02/28/2014 Test Time: 10:40 AM	
Operator Representative: JACOB BAYS	Date Report Sent to Operator:	
Gener	ral Well Data	
Operator: Chaparral Energy - 158	Inventory Number: OS0267	
701 Cedar Lake Blvd.	API Well No.: 35-113-08218-00-00	
OKC, OK 73114	Well Name/No.: NBU 25-W21	
	Location: NW 13 27N 5E 890S - 565W	
Phone: (405) 426-4397	Field name:	
Injection Interval: 2982 - 3024 USDW Bot: 166		
Annulus Fluid Type: Swpf Concentric Pkr:	Packer Depth: 2931 Casing: 3.5 in. Tubing: 2.1 in.	
Tubing and Annu	dus Pressure Test Results	
Type of MIT: Std. Annulus Pres. Test	Test Reason: Post Workover Test	
Inj. Status: Y Inj. Rate: bpd Tubul	ar Lining: Fiberglass Time Since Ann Filled: Hrs	
Tubing Annula	us Flowback Pressure Volume	
Time Pressure Time Pressur	re High: 260 psi	
Pre-Test:0	psi Mid:100psi1500m1	
Initial: 10:40 AM 500 260	psi Low:20psi950ml	
Mid: 10:55 AM 500 260	psi End:0psi100ml	
Final: 11:10 AM 500 260	psi Total Volume:2550 ml	
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure	
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)	
Fluid Level: Annulus Prs: psi	Tubing Annulus	
Test Result:	Depth to Top Perf/Open Hole:ftft	
Failure Type: Depth to Fluid Level: ft		
Failure Cause:	Fluid Column Height: ft ft ft	
Repair Due:	Specific Gravity of Fluid: 1.06 1.06	
Engineer Signature	Nitrogen Weight Factor:	
Review Date: 3/11/14	Required Test Pressure: psi psi	

Additional Comments for Mechanical Integrity Test

PACKER SET AT 2931'. POST WORKOVER MIT---HELD PRESSURE OK. PULL TUBING AND PACKER AND TES. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND NEW PACKER SETTING IN HOLE AT 2931'.

Osage ENR Department 100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens W		Dt/Tm Inspected	d: <u>2/28/2014 10:</u>	40:00 Duration: <u>0.8</u>
Operator Representative: JACOB B.	AYS	Dt Scheduled:		Dt Op Notified
	General Well Data an	d Inspection Info	rmation	
Operator: Chaparral Energy 701 Cedar Lake Blvd.				oll No. <u>35-113-08218-00-00</u> 5-W21 Status:
OKC OK 73114- Phone: (405) 426-4397	Lo	ocation: NW 13 27N	N 5E 565W - 890	S Well Type: EOR Lng: 36.8207, -96.7235 G
(100) 120 1037		<u> </u>		
	ROUTINE W/M	III INSPECTI	ON	
Purpose: Inspection During MIT	Responsible Company at	Time of Inspection	: Chaparral Energ	gy
Inspect No.: <u>iLMS1406531282</u>	Notification Type:			_
Incident No.:	Date Letter Sent to Own	er:	_ Extension D	Pate:
Comply No.:	Date Remedy Required:		_ Date Passed	•
	Pressures	/ Conditions		_
Date Last MIT: 2/28/2014 10:40:00 A	M Test Result: Casi	ng: <u>3.5</u> in. Tub	oing: <u>2.062</u> in.	USDW: 166 ft subsurf
Monitoring Device Elected:		T	Tubing Annulus	
Monitoring Device:	Fit	tings:	<u>Y</u> <u>Y</u>	AUTHORIZED
FLM Canister Pressure:	Ac	etual Pressure: 5	500 0	Max Pressure:
Lease Status: <u>Activ</u>	Ho	ow Determined?: 0	COMP OV	Min Req Press:
Barrel Monitor Hooked Up?:	Sta	atic Fluid Level: _	0	Max Rate:
Barrel Fluid Level (%):	Но	ow Determined?:	<u> </u>	:
Flowline Hooked Up?: Y	i Inj	ection Rate (bpd): _	How Rat	e Determined?
Injecting?: Y				

Comments

ACTIVE WELL; POST WORKOVER MIT----HELD PRESSURE OK. PULL TBG AND PACKER, TEST. CLEAN HOLE TO TD W HEAVY MUD. PICK UP TUBING AND NEW PACKER SETTING HOLE AT 2931'.

US ENVIRONMENTAL PROTECTION AGENCY	US ENVIRONMENTAL PROTECTION AGENCY	
OSAGE UIC PROGRAM	REGION VI - (6W-SE)	
100 W. MAIN ST, SUITE 304	1445 ROSS AVE	
PAWHUSKA, OK 74056	DALLAS, TEXAS 75202-2733	
NATION OF INCOMPOSION		
NOTICE OF INSPECTION	DATE 2-28-14 HOUR 10:35am	
Firm Name	Firm Address	
	Timi Address	
Chapaval Energy		
Inspector Name & Title	Inspector Signature	
any Dephen-geolopost	Comp	
Notice of Inspection is bereby given accordi	-	
Safe Drinking Water Act (42 U.S.C. §300 f et	seq.)	
Reason for Inspection Pact 11)	bour MIT	
For the purpose of inspecting records, files,	papers, processes, controls and facilities, and	
obtaining samples to determine whether the	person subject to and applicable underground	
	ting in compliance with the Safe Drinking Water	
Act and any applicable permit or rule.	10:40@260#	
NBU 25W21	12:35@260#	
NW 13-27N-5E D m.A.	(av) 11:10 @ 260#	
100 13-510-25 D who	in (OV)	
05#0267	6D vor-Test 200-100= 1500 M	
Palltub	mo Packer-Test 260-100= 1500 mg ATDW/hvy 100-20= 950 mg	
Clarket Clarket	25 DW hvy 100-20 = 958 m	
Vacker@ 2931	20-0= 100 ml	
21/11 the 22935' Mad. Di	Kuptby: New Total=2,550 m	
2 116 1 1 g C 2 1 23 Packs Se	Hing @ 2931	
21/16" tbg@2925' Packer Se 31/2" Casing@2966' Packer Se		
/] 0	I Pressure OK	
	0 j-4 (b)) is quoted on the reverse of this form	
EPA Form Receipt of this Notice of Inspection is hereb	v acknowledged	
Receipt of tine radice of melection is hereb	Ja / O	
	W Bo	
Title:		
Date:	V	

Casing or Annulus Pressure Test

Osage ENR Department

100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens	Test Date: 02/28/2014 Test Time: 11:20 AM
Operator Representative: JACOB BAYS	Date Report Sent to Operator:
General V	Vell Data
Operator: Chaparral Energy - 158	Inventory Number: OS6273012
701 Cedar Lake Blvd.	API Well No.: <u>35-113-99940-20-50</u>
OKC, OK 73114	Well Name/No.: NBU 31W43
	Location: SW 14 27N 5E S-E
Phone: (405) 426-4397	Field name:
Injection Interval: 3054 - 3097 USDW Bot:	Well Type:
Annulus Fluid Type: Supp Concentric Pkr:	Packer Depth: 3016 Casing: 7 in. Tubing: 2.4 in.
Tubing and Annulus F	Pressure Test Results
Type of MIT: Std. Annulus Pres. Test	Test Reason: Post Workover Test
	ning: Plastic Time Since Ann Filled: Hrs
Tubing Annulus	Flowback Pressure Volume
Time Pressure Time Pressure	High: 230 psi
Pre-Test: 0 psi	
Initial: 11:20 AM 0 240 psi	
Mid: 11:35 AM 0 230 psi	
Final: 11:50 AM 0 230 psi	
Casing/Tubing Annulus Monitoring AD	DA Pressure Test - Required Test Pressure
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)
Fluid Level: Annulus Prs: psi	Tubing Annulus
	pth to Top Perf/Open Hole: ft ft
	pth to Fluid Level: ft ft
	id Column Height: ft ft
	ecific Gravity of Fluid: 1.06 1.06
	trogen Weight Factor:
7.4	quired Test Pressure: psi psi

Additional Comments for Mechanical Integrity Test

PACKER DEPTH AT 3016'. POST WORKOVER MIT----HELD PRESSURE OK. PULL TUBING AND PACKER-TEST AND LAYDOWN. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND PACKER SETTING IN HOLE AT 3016'

Osage ENR Department 100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector	r: Larry Stephens	VWW-	Dt/Tm Ins _l	pected: 2/28/2014 1	1:20:00 Duration: 0.9
Operator	r Representative: JAC			led:	Dt Op Notified
		General V	Well Data and Inspection	<u>Information</u>	
Operator	:: Chaparral Energy		Inventory No.:	OS6273012 API W	Vell No. <u>35-113-99940-20-50</u>
	701 Cedar Lake Blv	vd.	Well Name/No.:	NBU 31W43 3	1W43 Status:
	OKC OK 73114-		Location:		Well Type:
Phone:	(405) 426-4397				/Lng: 36.8137, 96.7369 G
V		ROT	TINE W/MIT INSPE	CTION	,
		Roc	THE WINE MINE		
-	Inspection During N		ole Company at Time of Inspe	ction: Chaparral Ene	ergy
Inspect No.: <u>iLMS1406533222</u> Notification Type:		· -			
Incident No.: Date Letter Sent to Ow		er Sent to Owner:	Extension	Date:	
Comply 1	No.:	Date Rem	edy Required:	Date Passe	ed:
			Pressures / Conditions		_
Date Last	t MIT: <u>2/28/2014</u> 11:2	0:00 AM Test Resul	t: Casing:7in.	Tubing: <u>2.375</u> in.	USDW:ft subsurf
Monito	oring Device Elected:			Tubing Annulus	
Monito	oring Device:		Fittings:	<u>Y</u> <u>Y</u>	AUTHORIZED
FLM (Canister Pressure:		Actual Pressure:	0 0	Max Pressure: <u>2165</u>
Lease	Status:	Active	How Determined	?: <u>OV OV</u>	Min Req Press:
Barrel	Monitor Hooked Up?	:	Static Fluid Leve	l:0	Max Rate:
Barrel	Fluid Level (%):		How Determined	?: <u> </u>	_
Flowli	ne Hooked Up?:	<u>N</u>			ate Determined?
Injecti	ng?:	N			

Comments

ACTIVE INJECTION WELL; POST WORKOVER MIT----HELD PRESSURE OK. PULL TUBING AND PACKER-TEST AND LAYDOWN. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND NEW PACKER.

US ENVIRONMENTAL PROTECTION AGENCY	US ENVIRONMENTAL PROTECTION AGENCY
OSAGE UIC PROGRAM	REGION VI - (6W-SE)
100 W. MAIN ST, SUITE 304	1445 ROSS AVE
PAWHUSKA, OK 74056	DALLAS, TEXAS 75202-2733
NOTICE OF INSPECTION	
processor (section of the contract of the cont	DATE 2-28-14 HOUR 11:15am
Firm Name	Firm Address
Chapanal Energy	
Inspector Name & Title	Inspector Signature
rany Ateshens- serbogist	lm
Notice of Inspection is hereby given accordi	
Safe Dinking Water Act (42 U.S.C. §300 f et	<u>seq.)</u>
Reason for Inspection	1A A T
VOST Work	over MIT
For the purpose of inspecting records, files,	papers, processes, controls and facilities, and
	person subject to and applicable underground
	ting in compliance with the Safe Drinking Water
Act and any applicable permit or rule. 🖰 🛧	m-No 11:20@240#
	1135 @ 230#
10000	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
· · · · · · · · · · · · · · · · · · ·	Am(ov) 11.30 (2304
05#6273012	0 +h 10 16 232 100 = 7250 mg
Pul	1 + by Packey 100-20= 4000 ml
	1 + by : Packer; 100-20= 4000 mg st. 20-0= 150 mg
23/8" Fibers 1955 tbg @ 3012' 7" Casing @ 3054'	Total = 11,400 mg
7" (1) (2) (3) (4'	
1 carry	
3054-3094'	
K	Ild Pressure OK
••	0 j-4 (b)) is quoted on the reverse of this form
EPA Form	
Receipt of this Notice of Inspection is hereb	y acknowledged.
	Jos Var
Title:	
Date:	
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Casing or Annulus Pressure Test

Osage ENR Department

100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens (Test Date: 02/28/2014 Test Time: 12:25 PM
Operator Representative: JACOB BAYS	Date Report Sent to Operator:
Gener	al Well Data
Operator: Chaparral Energy - 158	Inventory Number: OS6273040
701 Cedar Lake Blvd.	API Well No.: 35-113-08378-00-00
OKC, OK 73114	Well Name/No.: NBU 32-W27
	Location: SE 14 27N 5E 420N - 715E
Phone: (405) 426-4397	Field name:
Injection Interval: 3007 - 3043 USDW Bot:	Well Type: EOR
Annulus Fluid Type: SUPE Concentric Pkr:	Packer Depth: 2943 Casing: 3.5 in. Tubing: 2.1 in.
Tubing and Annul	us Pressure Test Results
Type of MIT: Std. Annulus Pres. Test	Test Reason: Post Workover Test
Inj. Status: N Inj. Rate: bpd Tubula	r Lining: Plastic Time Since Ann Filled: Hrs
Tubing Annulu	s Flowback Pressure Volume
Time Pressure Time Pressur	e High: 220 psi
Pre-Test: 0 0	_psi Mid:100psi1100ml
Initial: 12:25 PM 0 220	_psi Low:20psi1100ml
Mid: 12:40 PM 0 220	psi End:0psi100ml
Final: 12:55 PM 0 220	_psi Total Volume:2300ml
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)
Fluid Level: Annulus Prs: psi	Tubing Annulus
Test Result:	Depth to Top Perf/Open Hole: ft ft
Failure Type:	Depth to Fluid Level: ft ft ft
Failure Cause:	Fluid Column Height: ft ft
Repair Due:	Specific Gravity of Fluid: 1.06 1.06
Engineer Signature	Nitrogen Weight Factor:
Review Date: 3/11/14	Required Test Pressure: psi psi

Additional Comments for Mechanical Integrity Test

PACKER DEPTH AT 2943'. POST WORKOVER MIT---HELD PRESSURE OK. PULL TUBING AND PACKER, TEST AND LAYDOWN. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND PACKER SETTING IN HOLE AT 2943'

Osage ENR Department 100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens	Dt/Tm Inspecte	d: 2/28/2014 12:25:00 Duration:0.8_
Operator Representative: JACOB BAY	S Dt Scheduled:	Dt Op Notified
<u>(</u>	eneral Well Data and Inspection Info	ormation
Operator: Chaparral Energy	Inventory No.: OS6	273040 API Well No. <u>35-113-08378-00-00</u>
701 Cedar Lake Blvd.	Well Name/No.: NBU	U 32-W27 32-W27 Status: <u>TA</u>
OKC OK 73114-	Location: SE 14 27N	5E 715E - 420N Well Type: EOR
Phone: (405) 426-4397	Field Nm:	Lat/Lng: <u>36.8172</u> , -96.7278 G
<u> </u>	ROUTINE W/MIT INSPECTI Responsible Company at Time of Inspection	
-	Notification Type: Date Letter Sent to Owner:	
	Date Remedy Required:	
	oute reduced, required.	
	Pressures / Conditions	
Date Last MIT: 2/28/2014 12:25:00 PM	Test Result: Casing: 3.5 in. Tub	oing: 2.062 in. USDW:ft subsurf
Monitoring Device Elected:	7	Tubing Annulus
Monitoring Device:	Fittings:	Y Y AUTHORIZED
FLM Canister Pressure:	Actual Pressure:	0 Max Pressure: <u>2165</u>
Lease Status: <u>Active</u>	How Determined?:	OV OV Min Req Press:
Barrel Monitor Hooked Up?:	Static Fluid Level:	0 Max Rate:
Barrel Fluid Level (%):	How Determined?: _	<u> </u>
Flowline Hooked Up?: N	Injection Rate (bpd):	How Rate Determined?
Injecting?: N		I

Comments

ACTIVE INJECTION WELL; POST WORKOVER MIT---HELD PRESSURE OK. PULL TUBING AND PACKER, TEST AND LAYDOWN, CLEAN HOLE TO TD USING HEAVY MUD, PICK UP TUBING AND PACKER SETTING IN HOLE AT 2943'.

US ENVIRONMENTAL PROTECTION AGENCY	US ENVIRONMENTAL PROTECTION AGENCY	
OSAGE UIC PROGRAM	REGION VI - (6W-SE)	
100 W. MAIN ST, SUITE 304	1445 ROSS AVE	
PAWHUSKA, OK 74056	DALLAS, TEXAS 75202-2733	
NOTICE OF INSPECTION		
NOTICE OF INSPECTION	DATE 2-28-14 HOUR 12:20 pm	
Firm Name	Firm Address	
Chapanal Energy		
inspector Name & Title	Inspector Signature	
Jany Stephens- geologist	lms	
Notice of Inspection is herebygiven accord		
Safe Drivking Water Act (42 U.S.C. §300 f et	seq.)	
Reason for Inspection	orkover MTT	
	, papers, processes, controls and facilities, and	
obtaining samples to determine whether the	e person subject to and applicable underground	
· · · · · · · · · · · · · · · · · · ·	eting in compliance with the Safe Drinking Water	
Act and any applicable permit or rule.	- No 12:25 @ 220#	
NBU 35 MSZ		
5E14-27N-5E - MANN	(2.1)	
DS#6273040 0 on Ann (or) 220-1002/100 mg		
0,	ing : Packer 20-0= 100 mg	
Pacha @ 2943' Tull tub	ing: Packer 20-0=100 mg	
Pachen @ 2943' Test. 23/8" Hoge 2937' Test.	Total : 2,300 M	
278 toge 2931		
3 1/2" Casinge 2999'		
	A	
1	eld Pressure OK	
/\		
Section 1445(b) of the SDWA (42 U.S.C. §30 EPA Form	0 j-4 (b)) is quoted on the reverse of this form	
Receipt of this Notice of Inspection is herel	ov acknowledged	
A A A A A A A A A A A A A A A A A A A		
Title:		
Date:		

Casing or Annulus Pressure Test

Osage ENR Department

100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens WW	Test Date: <u>02/28/2014</u> Test Time: <u>1:00 PM</u>	
Operator Representative: <u>JACOB BAYS</u>	Date Report Sent to Operator:	
General Well Data		
Operator: Chaparral Energy - 158	Inventory Number: OS6273039	
701 Cedar Lake Blvd.	API Well No.: 35-113-08377-00-00	
OKC, OK 73114	Well Name/No.: NBU 32-W25	
	Location: SE 14 27N 5E 420N - 565W	
Phone: (405) 426-4397	Field name:	
Injection Interval: 3023 - 3073 USDW Bot: 192	Well Type: EOR	
Annulus Fluid Type: 50 PF Concentric Pkr:	Packer Depth: 2968 Casing: 3.5 in. Tubing: 2.1 in.	
Tubing and Annulus Pressure Test Results		
Type of MIT: Std. Annulus Pres. Test	Test Reason: Post Workover Test	
Inj. Status: N Inj. Rate: bpd Tubula	ar Lining: Fiberglass Time Since Ann Filled: Hrs	
Tubing Annulu		
Time Pressure Time Pressur	High: 220 psi	
Pre-Test: 0 0	psi Mid:100psi1100m1	
Initial: 1:00 PM 0 220	_psi Low:20psi950ml	
Mid: <u>1:15 PM</u> <u>0</u> <u>220</u>	_psi End:0 psi100 ml	
Final: 1:30 PM 0 220	_psi	
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure	
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)	
Fluid Level: Annulus Prs: psi	Tubing Annulus	
Test Result: Yass	Depth to Top Perf/Open Hole: ft ft	
Failure Type:	Depth to Fluid Level: ft ft	
Failure Cause:	Fluid Column Height: ft ft	
Repair Due:	Specific Gravity of Fluid: 1.06 1.06	
Engineer Signature	Nitrogen Weight Factor:	
Review Date: 3/1/14	Required Test Pressure: psi psi	

Additional Comments for Mechanical Integrity Test

NEW PACKER DEPTH OF 2968'. POST WORKOVER MIT---HELD PRESSURE OK. PULL TUBING AND PACKER, TEST AND LAYDOWN. CLEAN HOLE TO TD USING HEAVY MUD. PICK UP TUBING AND NEW PACKER SETTING IN HOLE AT 2968'.

Osage ENR Department 100 W. MAIN ST, STE-304 Pawhuska, Ok 74056

Inspector: Larry Stephens Dt/Tm Inspected: 2/28/2014 1:00:00 Duration: __0.9_ Operator Representative: JACOB BAYS Dt Scheduled: Dt Op Notified General Well Data and Inspection Information Operator: Chaparral Energy Inventory No.: OS6273039 API Well No. 35-113-08377-00-00 Well Name/No.: NBU 32-W25 32-W25 Status: 701 Cedar Lake Blvd. OKC OK 73114-Location: SE 14 27N 5E 565W - 420N Well Type: EOR Phone: (405) 426-4397 Field Nm: Lat/Lng: 36.8172, -96.7326 G **ROUTINE W/MIT INSPECTION** Purpose: Inspection During MIT Responsible Company at Time of Inspection: Chaparral Energy Inspect No.: iLMS1406531888 Notification Type: Incident No.: Date Letter Sent to Owner:____ Extension Date: _____ Comply No.: Date Remedy Required: Date Passed: **Pressures / Conditions** Date Last MIT: 2/28/2014 1:00:00 PM Test Result: Casing: 3.5 in. Tubing: 2.135 in. USDW: 192 ft subsurf Monitoring Device Elected: Tubing Annulus Monitoring Device: Fittings: Y ____ AUTHORIZED FLM Canister Pressure: 0__ 0 Actual Pressure: Max Pressure: 827 Lease Status: How Determined?: Active UIC OV Min Req Press: Barrel Monitor Hooked Up?:____ 0 ____0 Static Fluid Level: Max Rate: Barrel Fluid Level (%): How Determined?: ____O Flowline Hooked Up?: Y Injection Rate (bpd): How Rate Determined?

Comments

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Injecting?:

ACTIVE INJECTION WELL; POST WORKOVER MIT---HELD PRESSURE OK. PULL TUBING AND PACKER
AND LAY DOWN. CLEAN OUT HOLE TO TD USING
HEAVY MUD. PICK UP TUBING AND NEW PACKER,
SETTING IN HOLE AT 2968'.

US ENVIRONMENTAL PROTECTION AGENCY	US ENVIRONMENTAL PROTECTION AGENCY
OSAGE UIC PROGRAM	REGION VI - (6W-SE)
100 W. MAIN ST, SUITE 304	1445 ROSS AVE
PAWHUSKA, OK 74056	DALLAS, TEXAS 75202-2733
NOTICE OF INSPECTION	
	DATE 2-28-14 HOUR 12:55 pm
Firm Name	Firm Address
Chaparral Energy	·
Inspector Name & Title	Inspector Signature
Pr CI	
Darry Stephens-gerbourst	uma .
Notice of Inspection is hereby given accord	ing to Section 1445(b) of the
Safe Drinking Water Act (42 U.S.C. §300 f et	seq.)
Reason for Inspection	
toot W	erkover MIT
	, papers, processes, controls and facilities, and
	person subject to and applicable underground
· · · · · · · · · · · · · · · · · · ·	ting in compliance with the Safe Drinking Water
Act and any applicable permit or rule.	1:00 € 220#
NBM 35M52	1:15 @ 220#
130 P 220#	
DU 17-2 N-32 B On Ann (oV)	
05 # 0308 (6273039) P.111	
(6273039) P.111	1: 10 T1 220-100 = 1100 ml
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23/8" +67@2962 when	my Mul Vick
	Total: 2,150 M
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@ 29	68.
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Section 1445(b) of the SDWA (42 U.S.C. §30	0 j-4 (b)) is quoted on the reverse of this form
EPA Form	·
Receipt of this Notice of Inspection is herel	by acknowledged.
	(Inde B)
	78/19
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Title:	V
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Date:	